

The following claims are presented for examination:

1. (Currently Amended) An apparatus comprising:

a housing, wherein said housing has the shape of a ~~water-dwelling organism~~
remora;

a coupling device that is physically associated with said housing, wherein said coupling device reversibly couples said housing to an object that is underwater;

a transmitter that is physically associated with said housing;

an energy-storage device, wherein said energy-storage device provides power to at least one of said transmitter and said coupling device; and

a generator, wherein said generator provides power to at least one of said transmitter and said electrical storage device.

2. – 3. (Canceled)

4. (Canceled)

5. (Currently Amended) The apparatus of claim ~~[[3]]~~ 1 wherein said coupling device is an electromagnet and further wherein said coupling device is disposed proximal to an anterior portion of said remora-shaped housing.

6. (Previously Presented) The apparatus of claim 1 further comprising a decoupling device, wherein said decoupling device causes said coupling device to de-couple said housing from said object upon occurrence of a condition.

7. (Original) The apparatus of claim 6 wherein said condition is selected from the group consisting of said object being at or above a desired depth underwater and when said apparatus stops moving.

8. (Currently Amended) The An apparatus of claim 1 wherein said generator comprises a piezoelectric polymer comprising:

a housing, wherein said housing has the shape of a water-dwelling organism;

a coupling device that is physically associated with said housing, wherein said coupling device reversibly couples said housing to an object that is underwater;

a transmitter that is physically associated with said housing;

an energy-storage device, wherein said energy-storage device provides power to at least one of said transmitter and said coupling device; and

a generator, wherein said generator provides power to at least one of said transmitter and said electrical storage device, and further wherein said generator comprises a piezoelectric polymer.

9. (Currently Amended) The apparatus of claim ~~[[1]]~~ **8** wherein said housing comprises a flexible portion, and wherein said piezoelectric polymer is in the form of a film, and further wherein said film is disposed in said flexible portion.

10. (Currently Amended) The An apparatus of claim 1 wherein said housing comprises a first portion and a second portion, and wherein said second portion is physically configured to move independently of said first portion comprising:

a housing, wherein:

(a) said housing has the shape of a water-dwelling organism;

(b) said housing comprises a first portion and a second portion;

(c) said second portion is physically configured to move independently of said first portion;

a coupling device that is physically associated with said housing, wherein said coupling device reversibly couples said housing to an object that is underwater;

a transmitter that is physically associated with said housing;

an energy-storage device, wherein said energy-storage device provides power to at least one of said transmitter and said coupling device; and

a generator, wherein said generator provides power to at least one of said transmitter and said electrical storage device.

11. (Previously Presented) The apparatus of claim 10 wherein said second portion is physically configured to move back and forth as said apparatus moves through water.

12. (Previously Presented) The apparatus of claim 11 wherein a piezoelectric polymer is coupled to said second portion of said housing.

13. (Original) An apparatus comprising:

a housing, wherein said housing has a shape of a remora, and wherein said housing has anterior portion and a posterior portion;

a coupling device, wherein said coupling device is physically associated with said housing proximal to said anterior portion, and wherein said coupling device reversibly couples said housing to an object that is underwater;

a transmitter that is physically associated with said housing;

an energy-storage device, wherein said energy-storage device provides power to at least one of said transmitter and said coupling device; and

a generator, wherein said generator provides power to at least one of said transmitter and said electrical storage device, and wherein said generator is physically associated with said housing proximal to said posterior portion.

14. (Original) The apparatus of claim 13 wherein said posterior portion of said housing is movable and said generator comprises a piezoelectric polymer film.

15. (Previously Presented) The apparatus of claim 14 wherein said posterior portion is movable from side to side in the manner of a fish swimming.

16. (Original) The apparatus of claim 13 further comprising a decoupling device, wherein said decoupling device causes said coupling device to de-couple said housing from said object when said object is at or above a desired depth underwater or when said object stops moving, or both.

17. – 19. (Canceled)

20. (Previously Presented) A method comprising:

reversibly coupling a housing to an object that is submerged in water, wherein said housing has a posterior portion and an anterior portion, and wherein said posterior portion is movable independently of said anterior portion; and

generating energy by moving said housing through said water, wherein said energy is generated by movement of said posterior portion of said housing.

21. (Previously Presented) The method of claim 20 further comprising:

storing said energy in an energy storage device in said housing; and

delivering the stored energy to a transmitter in said housing.

22. (Previously Presented) The method of claim 21 further comprising transmitting a signal through said water.

23. - 24. (Canceled)

25. (Original) The method of claim 20 further comprising decoupling said housing from said object on occurrence of a condition.

26. (Previously Presented) The method of claim 25 wherein said condition is selected from the group consisting of said object being at or above a desired depth underwater and when said object stops moving.

27. (Previously Presented) The method of claim 20 wherein the operation of reversibly coupling a housing further comprises reversibly coupling a housing that has the shape of a water-dwelling organism.